



A018us.txt

SEQUENCE LISTING

<110> Gotwals, Philip  
Koteliansky, Victor  
Cate, Richard  
Sanicola-Nadel, Michelle

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Constant Region Fusion Proteins

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<140> 09/423,018

<141> 2000-10-12

<150> PCT/US98/07587

<151> 1998-04-16

<150> 60/044641

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TECH CENTER 1600/2900

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## A018us.txt

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A018us.txt

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 ccccgagaac cacaggtgta caccctgccc ccatcccggg atgagctgac caagaaccag 1  
 740  
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 920  
 ttctcatgct ccgtgatgca tgaggctctg cacaaccact acacgcagaa gagcctctcc 1  
 980  
 ctgtctccgg gtaaatgagt gcggccgcgt cgaccgtgac ccctgcgccg cgcggactcc 2  
 040

## A018us.txt

tgccccgagg gtccggacgc gcccagctc gcgccccttc ccatatttat tcggacccca	2
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160	
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220	
cgctgtctct cccctgcctg aagcgcccca ccaccgtctt tcaggccccg gacttggtgc	2
280	
cgggtccagg cgtaaaggag cagggtgactc tgcgcagcac tcgctttatt tcgccagagt	2
340	
cgcgggggcgt ccagaagggg cccctggact ccggcgcggg gccggctcag tcccgccct	2
400	
tgcctgcgcg gagcttctgg cgactcccag gccgctgctc ctcgtcggga cgcctcgggg	2
460	
acaccaggc ctgcttcttc ctgggctcgg cgtccctgga gtcccgctgc cacggccggt	2
520	
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580	
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640	
ccttccgcgg cttccctct ctccgaggcc tctccttggg tccccggtct gcgagggta	2
700	
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760	
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820	
gcgctgatgg aggcgcctgg gcctcgaact taggctgcaa gacagagtgg ggtcctgggg	2
880	
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940	
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300	
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360	
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420	
cacaagggtc atccggaagc cagaacctac tcgcgcgag gggaatgggc cccgcaaaag	3
480	
gtccacaccg ggtgagagg gcgcgcaagg cccgtcactt aaggacata tgacgtgagc	3
540	
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## A018us.txt

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 gattctaatt gtttgtgtat tttagattcc aacctatgga actgatgaat gggagcagtg 3  
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 780  
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 840  
 ccccaaggac tttccttcag aattgctaag ttttttgagt catgctgtgt ttagtaatag 3  
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 aactcttgct tgctttgcta tttacaccac aaaggaaaaa gctgcactgc tatacaagaa 3  
 960  
 aattatggaa aaatattctg taacctttat aagtaggcat aacagttata atcataacat 4  
 020  
 actgtttttt cttactccac acaggcatag agtgtctgct attaataact atgctcaaaa 4  
 080  
 attgtgtacc tttagctttt taatttgtaa aggggttaat aaggaatatt tgatgtatag 4  
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 260  
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 320  
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 380  
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 440  
 cggttgctgg cgcttatatc gccgacatca ccgatgggga agatcgggct cgccacttcg 4  
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 680  
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 980  
 cttcctgggg atccagacat gataagatac attgatgagt ttggacaaac cacaactaga 5  
 040  
 atgcagtga aaaaatgctt tatttgtaaa atttgtgatg ctattgcttt atttgtaacc 5  
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## A018us.txt

attataagct gcaataaaca agttaacaac aacaattgca ttcattttat gtttcagggt	5
160	
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220	
gattatgatc tctagtcaag gcactataca tcaaatattc cttattaacc cctttacaaa	5
280	
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340	
tgtgtggagt aagaaaaaac agtatgttat gattataact gttatgccta cttataaagg	5
400	
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460	
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520	
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580	
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700	
aaaatacaca aacaattaga atcagtagtt taacacatta tacacttaaa aattttatat	5
760	
ttaccttaga gctttaaatc tctgtaggta gtttgtccaa ttatgtcaca ccacagaagt	5
820	
aagggttcctt cacaaagatc taaagccagc aaaagtccca tggctctata aaaatgcata	5
880	
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940	
cttcaaactt atacttgatg cctttttcct cctggacctc agagaggacg cctgggtatt	6
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540	
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## A018us.txt

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660
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720
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780
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380
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aggatcttca cctagatcct tttaaattaa aaatgaagtt ttaaatcaat ctaaagtata 7
980
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040
atctgtctat ttcgttcac catagttgcc tgactccccg tcgtgtagat aactacgata 8
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160

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A018us.txt

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 gcaactttat ccgcctccat ccagtctatt aattgttgcc gggaagctag agtaagtagt 8  
 280  
 tcgccagtta atagtttgcg caacgttggt gccattgctg caggcatcgt ggtgtcacgc 8  
 340  
 tcgtcgtttg gtatggcttc attcagctcc gggtcccaac gatcaaggcg agttacatga 8  
 400  
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 <211> 1165  
 <212> DNA  
 <213> Homo sapien

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 120  
 aacaacggtg cagtcaagtt tccacaactg tgtaaatctt gtgatgtgag atttccacc  
 180  
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 240  
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 300  
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 360

A018us.txt

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 720  
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 780  
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 <212> DNA  
 <213> Oryctolagus cuniculus and Homo sapien

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 39

<210> 6  
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 <212> DNA  
 <213> Oryctolagus cuniculus

<400> 6  
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 34

<210> 7  
 <211> 66  
 <212> DNA  
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## A018us.txt

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60

tgccca

66

&lt;210&gt; 8

&lt;211&gt; 388

&lt;212&gt; PRT

&lt;213&gt; Oryctolagus cuniculus

&lt;400&gt; 8

Met	Gly	Arg	Gly	Leu	Leu	Arg	Gly	Leu	Trp	Pro	Leu	His	Leu	Val	Leu
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Trp	Thr	Arg	Ile	Ala	Ser	Thr	Ile	Pro	His	Val	Gln	Lys	Ser	Val	
			20					25				30			
Asn	Asn	Asp	Met	Met	Val	Thr	Asp	Asn	Asn	Gly	Ala	Val	Lys	Phe	Pro
		35					40					45			
Gln	Leu	Cys	Lys	Phe	Cys	Asp	Val	Arg	Ser	Ser	Thr	Cys	Asp	Asn	Gln
	50					55					60				
Lys	Ser	Cys	Met	Ser	Asn	Cys	Ser	Ile	Thr	Ser	Ile	Cys	Glu	Lys	Ala
65					70					75					80
His	Glu	Val	Cys	Val	Ala	Val	Trp	Arg	Lys	Asn	Asp	Glu	Asn	Ile	Thr
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Leu	Glu	Thr	Val	Cys	His	Asp	Pro	Lys	Leu	Ala	Tyr	His	Gly	Phe	Leu
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Leu	Glu	Asp	Ser	Ala	Ser	Pro	Lys	Cys	Ile	Met	Lys	Glu	Lys	Lys	Val
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Phe	Gly	Glu	Thr	Phe	Phe	Met	Cys	Ser	Cys	Ser	Thr	Asp	Glu	Cys	Asn
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Asp	His	Ile	Ile	Phe	Ser	Glu	Glu	Tyr	Thr	Thr	Ser	Ser	Pro	Asp	Leu
145					150					155					160
Val	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	Leu	Leu
				165					170					175	
Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu
			180					185					190		
Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser
		195					200					205			
His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu
	210					215					220				
Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr
225					230					235					240
Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	Leu	Asn
				245					250					255	
Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	Ala	Leu	Pro	Ala	Pro
			260					265					270		
Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro	Arg	Glu	Pro	Gln
		275					280					285			
Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Asp	Glu	Leu	Thr	Lys	Asn	Gln	Val
	290					295					300				



## A018us.txt

Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val  
 305 310 315 320  
 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro  
 325 330 335  
 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr  
 340 345 350  
 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val  
 355 360 365  
 Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu  
 370 375 380  
 Ser Pro Gly Lys  
 385

&lt;210&gt; 9

&lt;211&gt; 388

&lt;212&gt; PRT

&lt;213&gt; Homo sapien

&lt;400&gt; 9

Met Gly Arg Gly Leu Leu Arg Gly Leu Trp Pro Leu His Ile Val Leu  
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 Trp Thr Arg Ile Ala Ser Thr Ile Pro His Val Gln Lys Ser Val  
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 Asn Asn Asp Met Ile Val Thr Asp Asn Asn Gly Ala Val Lys Phe Pro  
 35 40 45  
 Gln Leu Cys Lys Phe Cys Asp Val Arg Phe Ser Thr Cys Asp Asn Gln  
 50 55 60  
 Lys Ser Cys Met Ser Asn Cys Ser Ile Thr Ser Ile Cys Glu Lys Pro  
 65 70 75 80  
 Gln Glu Val Cys Val Ala Val Trp Arg Lys Asn Asp Glu Asn Ile Thr  
 85 90 95  
 Leu Glu Thr Val Cys His Asp Pro Lys Leu Pro Tyr His Asp Phe Ile  
 100 105 110  
 Leu Glu Asp Ala Ala Ser Pro Lys Cys Ile Met Lys Glu Lys Lys  
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 Pro Gly Glu Thr Phe Phe Met Cys Ser Cys Ser Ser Asp Glu Cys Asn  
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 Asp Asn Ile Ile Phe Ser Glu Glu Tyr Asn Thr Ser Asn Pro Asp Leu  
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 Val Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu  
 165 170 175  
 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu  
 180 185 190  
 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser  
 195 200 205  
 His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu  
 210 215 220  
 Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr  
 225 230 235 240  
 Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn  
 245 250 255

A018us.txt

Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro  
 260 265 270  
 Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln  
 275 280 285  
 Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val  
 290 295 300  
 Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val  
 305 310 315 320  
 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro  
 325 330 335  
 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr  
 340 345 350  
 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val  
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 385

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 <212> DNA  
 <213> Oryctolagus cuniculus

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<210> 11  
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 <212> PRT  
 <213> Oryctolagus cuniculus

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 20

<210> 12  
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 <213> Homo sapien

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A018us.txt

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<211> 22  
<212> PRT  
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*B!*  
*Cont*  
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1 5 10 15  
Thr Cys Pro Pro Cys Pro  
20

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